

**Industry:** Aerospace & Defense

**Position:** Software Developer

**Experience:** 3+ Years

**Education:** B.E./B.Tech./M.E./M.Tech. in **Computer Science, IT, Electronics, Electrical, ECE, or Instrumentation** from a recognized university.

**Preferred Criteria:**

- **70% aggregate or equivalent CGPA** in BE/ME/MTech.
- **GATE Score of 60% or more** (Desirable, Optional).
- Experience in **Avionics or Simulator Software Development** from reputed MNCs or aerospace companies in India or overseas.

**Role Overview:**

- Responsible for **design, development, and testing** of avionics software and simulator systems.
- Work on **embedded software, real-time systems, and avionics applications** following strict aerospace standards.

**Responsibilities:**

- Develop **real-time embedded software** using **C/C++/C#/Java/.NET**.
- Implement **mission-critical avionics applications** ensuring high safety and reliability.
- Develop, debug, and optimize **low-level software for embedded avionics systems**.
- Integrate avionics software with **hardware and flight simulators**.
- Work with **OS like VxWorks, Integrity** (optional but preferred).
- Handle **requirement analysis and design** using tools like **Rational Rhapsody/Rose**.

**Required Skills:**

**Programming:** C, C++, Java, C#/.NET

**Avionics/Embedded Software Development**

**RTOS:** VxWorks, Integrity (Optional)

**Software Development Life Cycle (SDLC)**

**Requirement & Design Tools:** Rational Rhapsody/Rose, Rational ClearCase (Optional)